

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER</b> #12	<b>TYPE OF FIRE</b> Wildland Fire
<b>FIRE NAME</b> North Bar (Branch IV)	<b>OPERATIONAL PERIOD</b> 9/30/06 Day
<b>DATE ISSUED</b> 9/29/06	<b>TIME ISSUED</b> 1800
<b>UNIT</b> Shasta-Trinity National Forest	<b>SIGNED</b> Dave Bartlett FBAN

### WEATHER SUMMARY:

Maximum Temperature: 65° - 75° ridgetops – 80° - 85° camp

Minimum Relative Humidity: 18 - 23%

Ridgetop Winds: SE at 5-10 mph until 1200 hrs, then SW at 5 – 10 mph with gusts to 15

Midslope Winds: Variable 2-5 mph until 1200 hrs, then upslope / upcanyon 3-6 mph. Slightly higher winds of 5 – 10 mph in southwest to northeast oriented canyons.

### GENERAL:

The high pressure ridge should start to break down today, bringing slightly cooler temperatures and slightly higher humidities. Expect a steady and significant decrease in temperatures and increase in humidity for the next several days. A light morning inversion should give way to a clearer afternoon with scattered clouds. Expect MODERATE fire behavior today. Interior fuels will continue to burn, but rates of spread should be mostly less than 10 ch / hr. Still be alert when working on southwest aspects where wind and slope will be aligned and spread and flame lengths will increase. There is still significant potential for spotting. However, the probability of ignition should be less than 70%. Most spotting should be under 0.25 mile.

### SPECIFIC:

**Division J:** Activity should continue to be similar to that seen over the last week. Single and group tree torching is still possible and there is still a pretty good probability that the fire will spot across Saint Claire Creek. Fortunately, the northerly aspect should shelter you from the more southerly winds.

**Division K:** Southwest and south winds forecast today along with continued burning in the Mill Gulch and Grizzly Creek drainages that could loft firebrands into the division. The direct threat to the containment lines in Division K remains minimal, but don't forget there is still a possibility of spot fires and holdover heat from past burning.

**Division L:** Areas of active burning in the Grizzly Creek drainage and Mill Gulch will continue today. Brush that would not burn several days ago may burn today with southerly winds. Expect timber fuels to actively burn throughout the day. Single and group tree torching is probable along with active uphill spread from unburned fuels in Grizzly Creek and Mill Gulch. Surface spreads rates could exceed 5 – 8 ch / hr in timber fuels. Short range spotting is likely. You should see better humidity recovery tonight, reducing fire behavior as evening approaches.

### AIR OPERATIONS:

Visibility should be better today with better smoke ventilation. Opportunities for air support should be much improved, especially in the afternoon, when compared to the last several days.

### SAFETY

**Be especially alert when approaching downhill spots. Remember, they can move rapidly uphill. Make sure you know your position in relation to fire spread. Be especially alert when working on ridges above spots and active fire spread. Most of all, remember, it's not over till it's over! Don't take the fire for granted there is still plenty of heat out there – BE SAFE!**